Index of Claims

| Application No. | Applicant(s)       |  |
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| 10/612,716      | SIMINOVITCH ET AL. |  |
| Examiner        | Art Unit           |  |
| Rodney B. White | 3636               |  |

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| Cla      | im       |          |          |          | _ [            | Date         | е        |                  |          |   | ]    | Cla                | im       |                   |          |          | C              | ate          |              |                         |         | ]   | С            | laim       |  |                 |          |          | Date   | Э               |          |           |                 |
|----------|----------|----------|----------|----------|----------------|--------------|----------|------------------|----------|---|------|--------------------|----------|-------------------|----------|----------|----------------|--------------|--------------|-------------------------|---------|-----|--------------|------------|--|-----------------|----------|----------|--------|-----------------|----------|-----------|-----------------|
| _        | ਰ        | 4        | ١.,      | 2        | ł              |              |          |                  |          |   |      |                    | al       |                   |          |          |                |              |              |                         |         |     |              | -          |  |                 |          |          |        |                 |          |           |                 |
| Final    | Original | 7/26/04  | 3/1/05   | 4/21/05  |                |              |          |                  |          |   |      | Final              | Original |                   |          |          |                |              |              |                         |         |     | Final        | Original   |  |                 |          |          |        |                 |          |           |                 |
| ίĽ       | Oi       | 12       | m        | 42       |                |              |          |                  |          |   |      | i i i              | Ö        |                   |          |          | ļ              | ı            |              |                         |         |     | iΣ           | ĬŠ         |  |                 |          |          |        | 1               |          |           |                 |
|          |          |          |          | _        | ╙              | _            | <u> </u> | $ldsymbol{oxed}$ | <u> </u> |   | -    |                    |          | Щ                 | $\dashv$ |          | _              | _            | _            | ┸                       | -       | Į   |              | 1          | _  |                 |          |          |        |                 |          | _         | $oxed{oxed}$    |
| 1        | 1        | 1        | =        | =        | <u> </u>       | _            |          | _                | _        |   | 1    |                    | 51       | _                 | _        |          | _              | _            | -            | ╀                       | +       | -   |              | 101        | <u> </u>   |                 | _        |          |        | Ш               | $\sqcup$ |           | لك              |
| 2        | 2        | 1        | =        | =        | ├              |              | _        | -                |          |   | ┨    | <u> </u>           | 52       | ŀ·                | $\dashv$ | -        |                | -            |              | +                       | +-      | -   |              | 102        | _  | $\vdash$        | _        | _        |        | _               |          |           | $\vdash$        |
| 3        | 3        | 1        | =        | =        | ₩              |              |          |                  | _        | _ | ┨    | <b></b>            | 53<br>54 | _                 | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$     | +            | +-                      | +-      | ┨   |              | 103        | ⊢  | $\vdash$        |          |          |        | $\vdash$        | $\vdash$ |           | $\vdash \vdash$ |
| 5        | 5        | 1        | =        | =        | H              |              | ┢        |                  | -        |   | 1    |                    | 55       | $\vdash$          | $\dashv$ | -        | $\dashv$       | $\dashv$     | +            | +                       | +       | ┨.  | -            | 104        | ├  |                 | _        |          |        | Н               | $\vdash$ |           | $\vdash$        |
| ٦        | 6        | V        | =        | ⊢        |                | $\vdash$     | -        | $\vdash$         |          | _ | 1    |                    | 56       |                   | $\dashv$ |          | -              | $\dashv$     | +            | +-                      | +       | 1   | ⊢            | 106        |  | H               | $\dashv$ |          | _      | -               | $\vdash$ |           | $\vdash$        |
| 6        | 7        | V        | =        | =        | H              | -            | $\vdash$ | -                | _        | _ | 1    |                    | 57       |                   | $\dashv$ | _        | +              | $\dashv$     | +            | ┿                       | +       | 1   | <u> </u>     | 107        | $\vdash$   | $\vdash$        | $\dashv$ | _        |        | Н               | $\dashv$ |           |                 |
| 7        | 8        | V        | =        | =        |                |              | $\vdash$ |                  |          | _ | 1    | -                  | 58       |                   | $\dashv$ |          | $\neg$         | $\dashv$     | $\dashv$     | +                       | +       | 1   | 1            | 108        | $\vdash$   |                 | -        |          |        | Н               |          |           | $\dashv$        |
|          | 9        | 0        | =        | _        | T              |              |          |                  |          |   | ĺ    |                    | 59       |                   | $\Box$   | _        | 寸              | 寸            | _            | +-                      | 1-      | 1   | <u> </u>     | 109        | $\vdash$   | H               |          |          |        |                 |          | _         | _               |
| 8        | 10       | 0        | =        | =        |                |              |          |                  |          | _ | 1    |                    | 60       |                   |          |          |                | 寸            | 7            | _                       | 1       | 1   |              | 110        |  | Ħ               |          |          |        |                 |          | _         | $\neg$          |
| 9        | 11       | √        | Ξ        | =        |                |              |          |                  |          | _ | ]    |                    | 61       |                   |          |          |                |              |              |                         |         | ] : |              | 111        |  |                 |          |          |        |                 |          |           |                 |
| 10       | 12       | . √      | =        | Ξ        |                |              |          |                  |          |   | -    |                    | 62       |                   |          |          |                |              |              | $oldsymbol{\mathbb{L}}$ |         |     |              | 112        |  |                 |          |          |        |                 |          |           |                 |
| 11       | 13       | 1        | Ξ        | =        |                |              |          |                  |          |   | ]    |                    | 63       |                   |          |          |                |              | $\perp$      |                         |         | 1   |              | 113        |  |                 |          |          |        |                 |          |           |                 |
|          | 14       | 1        | 1        |          |                |              |          |                  |          |   |      |                    | 64       |                   |          |          | Ţ              | $\Box$       | $\perp$      |                         |         |     |              | 114        | Ĺ  |                 |          |          |        |                 |          |           |                 |
| igsquare | 15       | 1        | 1        | <u> </u> | Ш              |              | <u> </u> | <u> </u>         | L        |   |      |                    | 65       | Ш                 | Ш        | _        | $\perp$        | $\perp$      | $\perp$      |                         |         | ]   | <u></u>      | 115        | L  |                 |          |          |        |                 | $\Box$   |           | Ш               |
|          | 16       | 1        | 1        | <u> </u> | _              | $\vdash$     | _        | <u> </u>         | <u> </u> |   | 1    |                    | 66       | Щ                 | Щ        | _        | _              | 4            | _            | 4                       | ╀-      |     | L            | 116        | lacksquare                                       | Ш               |          |          |        |                 |          |           | لـــا           |
|          | 17       | _        |          | _        |                | $oxed{oxed}$ |          | Щ                | L        |   |      | ļ                  | 67       | Щ                 |          | _        | _              | _            | $\perp$      | $\bot$                  | _       |     |              | 117        |  | $\sqcup$        |          |          |        |                 |          |           |                 |
|          | 18       |          | _        | _        |                |              |          |                  | -        |   |      |                    | 68       |                   |          | _        | -              | _            | _            | 4                       | ₩       | -   |              | 118        | _  |                 | _        |          |        | Ш               |          |           | Ш               |
|          | 19       |          | _        |          | _              |              | <u> </u> |                  |          |   | ŀ    |                    | 69       |                   | <u></u>  | -        | -              | -+           | 4            | +                       | ╀.      |     | <u> </u>     | 119        | ļ.,  | $\vdash$        | _        |          |        |                 |          |           | لــــا          |
|          | 20<br>21 |          | ├        | _        |                |              |          |                  |          |   | ŀ    |                    | 70<br>71 | Н                 | _        | -        |                | -            | -            | +                       | +       |     | <b>├</b> ─   | 120<br>121 |  |                 |          | _        |        | _               |          |           | $\sqcup$        |
|          | 22       |          | H        | ├        |                |              | H        | <u> </u>         | _        | _ | ł    | $\vdash$           | 72       | -                 | -        | -        | $\dashv$       | -            | -            | +                       |         | -   | <u> </u>     | 122        | -  | <del> </del> ⊦  |          |          |        | Н               | _        |           | $\dashv$        |
|          | 23       | -        | -        |          | _              | -            | $\vdash$ | -                | $\vdash$ | _ |      | <u> </u>           | 73       | Н                 |          | -        | ┥              | $\dashv$     | ┿            | ╁                       |         | ٠.  | <u></u>      | 123        | -  | ╂╼┼             |          | _        |        |                 |          |           | $\dashv$        |
| _        | 24       | -        | -        | $\vdash$ |                | $\vdash$     | $\vdash$ | Н                | _        | _ |      |                    | 74       | $\vdash$          |          | -        | $\dashv$       | $\dashv$     | +            | +                       | +-      | 1   | -            | 123        | ├-   | $\vdash$        | $\dashv$ |          |        |                 |          | -         | $\dashv$        |
|          | 25       | -        | -        | -        | -              | -            |          |                  |          |   |      |                    | 75       |                   | -        | -        | $\dashv$       | $\dashv$     | +            | +                       | +       | 1   | <del> </del> | 125        | -  | ┝               | $\dashv$ | -        |        | -               | _        | _         | $\dashv$        |
|          | 26       |          | T        |          |                | $\vdash$     |          |                  |          |   | 1    |                    | 76       | Н                 |          | $\dashv$ | +              | $\dashv$     | _            |                         |         | 1   | $\vdash$     | 126        | <del>                                     </del> | $\vdash$        | ᅥ        | $\neg$   | _      | _               |          | -         | $\dashv$        |
|          | 27       | _        | Т        |          |                |              |          | П                |          |   |      |                    | 77       | Н                 |          | _        | $\dashv$       | $\dashv$     | _            |                         | 1       | 1 . |              | 127        | ┢  |                 | ┪        |          |        |                 |          |           | $\neg$          |
|          | 28       |          |          |          |                |              |          |                  |          |   |      |                    | 78       | П                 |          | $\neg$   |                | 寸            | $\top$       |                         |         | 1   |              | 128        |  | $\Box$          |          |          |        | $\neg$          |          |           | $\neg$          |
|          | 29       |          |          |          |                |              |          |                  |          |   |      |                    | 79       | П                 |          | $\neg$   |                | T            | $\top$       |                         | $\top$  | 1   |              | 129        |  |                 |          |          |        |                 |          |           | $\neg$          |
|          | 30       |          |          |          |                |              |          |                  |          |   |      |                    | 80       |                   |          |          |                |              |              |                         |         | ]   |              | 130        |  | П               |          |          |        |                 |          |           |                 |
|          | 31       |          |          |          |                |              |          |                  |          |   |      |                    | 81       |                   |          |          |                |              |              |                         |         |     |              | 131        |  | Ш               |          |          |        |                 |          |           |                 |
|          | 32       |          |          |          |                |              |          |                  |          |   | ļ    |                    | 82       |                   |          | _        |                |              |              | ᆜ                       |         |     |              | 132        |  |                 |          |          |        |                 |          |           |                 |
|          | 33       |          |          |          | <u> </u>       | <u> </u>     |          | $\sqcup$         | _        |   | ļ. · | $\perp \perp \mid$ | 83       | Ш                 |          | _        | _              | 4            | 4.           | 4                       | ╄       |     |              | 133        | <u> </u>   | Щ               | _        | _        |        |                 |          |           |                 |
|          | 34       | _        | _        |          | _              | $\vdash$     | $\vdash$ | Щ                |          |   | 1    | igwdapprox         | 84       | $\mid \perp \mid$ |          | _        | 4              | _            |              | +                       | $\perp$ |     | <u> </u>     | 134        | ļ  | $\sqcup$        | _        |          |        | Щ               | Щ        | _         |                 |
|          | 35       | -        | -        |          | <u> </u>       | $\vdash$     | -        | Н                |          | _ |      | $\vdash\vdash$     | 85       | $\vdash \vdash$   | $\dashv$ | $\dashv$ | -              |              | +            | +                       | ╁┈      |     | <u> </u>     | 135        | <del> </del>                                     | $\vdash \vdash$ | _        | _        | _      |                 | $\dashv$ | _         |                 |
|          | 36<br>37 | <u> </u> | $\vdash$ |          | $\vdash\vdash$ | $\vdash$     | Н        | $\vdash$         |          |   |      | $\vdash$           | 86<br>87 | ⊢⊦                | +        | $\dashv$ | -              | ┿            |              | +                       | +-      | -   | <u> </u>     | 136        |  | $\vdash \vdash$ | -        |          |        | $\vdash$        | $\dashv$ | _         |                 |
|          | 38       | $\vdash$ | $\vdash$ |          | $\vdash$       | Н            | -        | $\vdash$         |          |   | 1    | $\vdash$           | 88       | $\vdash \vdash$   | -        | $\dashv$ | +              |              | +            | +-                      | +       |     | <b> </b>     | 137<br>138 | <del> </del> —                                   | $\vdash \vdash$ | -        | _        |        | $\vdash\vdash$  | $\vdash$ | -         | $\dashv$        |
|          | 39       | $\vdash$ | $\vdash$ |          | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$         | -        | _ | ·    | $\vdash$           | 89       | $\vdash$          | $\dashv$ | $\dashv$ |                | $\dashv$     | +            | +                       | +-      | ┨ , | ⊢            | 138        | <del> </del>                                     | $\vdash$        | $\dashv$ | _        | -      | $\vdash \vdash$ | -        | _         | $\dashv$        |
|          | 40       | $\vdash$ |          | -        | Н              | $\vdash$     |          | $\vdash\vdash$   |          | _ | 1    | $\vdash$           | 90       | $\vdash \vdash$   | $\dashv$ | $\dashv$ | $\dashv$       | +            | +            | +                       | +       | ł   | $\vdash$     | 140        | -  | $\vdash \vdash$ | -        | -        | _      | $\vdash$        | -        |           | $\dashv$        |
|          | 41       |          | H        |          | H              | $\vdash$     | Н        | Н                |          |   | 1    | $\vdash \vdash$    | 91       | ┝╾┤               | $\dashv$ | $\dashv$ | -+             | -+           | +            | +                       | +       | 1   | -            | 141        | -  | $\vdash$        | $\dashv$ | $\dashv$ | -      | $\vdash$        | $\dashv$ | -         | $\dashv$        |
|          | 42       | $\vdash$ | -        |          | Н              | $\vdash$     |          | $\vdash$         | $\vdash$ |   | 1    | $\vdash \vdash$    | 92       |                   | -        | $\dashv$ | $\dashv$       | +            | +            | +-                      | +       | l   | -            | 142        |  | $\vdash$        | $\dashv$ | $\dashv$ | -      | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$        |
|          | 43       |          |          |          | H              | -            | -        |                  |          |   | 1    | $\vdash$           | 93       | H                 | $\dashv$ | $\dashv$ | $\dashv$       | 十            | +            | +                       | +       | 1   | <b>-</b>     | 143        |  | $\vdash$        | $\dashv$ | $\dashv$ | -      | $\vdash$        | -        | $\dashv$  | $\dashv$        |
|          | 44       |          |          | _        | Н              | $\vdash$     | $\vdash$ | H                |          |   | 1    |                    | 94       | $\vdash$          | $\dashv$ | -        | $\dashv$       | 十            | +            | 十                       | +       | 1   | $\vdash$     | 144        |  |                 |          | $\dashv$ | -      | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$        |
|          | 45       |          |          |          | М              | $\vdash$     | Н        | H                | $\vdash$ |   |      |                    | 95       | Н                 | $\dashv$ | $\dashv$ | 寸              | $\dashv$     | +            | $\top$                  | T       | 1   | _            | 145        |  | H               |          |          | $\neg$ | $\vdash$        | -        | $\exists$ | $\dashv$        |
|          | 46       |          |          |          | П              |              |          |                  |          |   | 1    |                    | 96       |                   | $\neg$   | $\dashv$ | $\neg \dagger$ | $\dashv$     | $\top$       | $\top$                  | $\top$  | 1   |              | 146        |  | $\vdash$        |          |          |        | Н               | $\dashv$ |           | $\dashv$        |
|          | 47       |          |          |          |                |              |          |                  |          |   | ]    |                    | 97       |                   |          |          | 7              | $\top$       | _            | $\top$                  | 1       | 1   |              | 147        |  | $\sqcap$        |          | $\neg$   |        |                 |          | 7         | $\dashv$        |
|          | 48       |          |          |          |                |              |          |                  |          |   | ]    |                    | 98       |                   |          |          |                | $\exists$    |              |                         | I       | ]   |              | 148        |  |                 |          |          | ╗      |                 | $\neg$   |           | $\neg$          |
|          | 49       |          |          |          |                |              |          |                  |          |   | ]    |                    | 99       |                   |          |          |                |              |              |                         |         |     |              | 149        |  |                 |          |          |        |                 |          |           |                 |
|          | 50       |          |          |          |                |              |          | Ш                |          |   |      |                    | 100      |                   |          |          |                | $oxed{oxed}$ | $oxed{\Box}$ |                         |         |     |              | 150        |  |                 |          |          |        |                 |          |           |                 |